

## ABSTRACT OF THE DISCLOSURE

A first object of the present invention is to provide a rubber composition which improves both wear resistance and low heat-buildup property, and a second object is to provide a tire in which low heat-buildup property (low fuel consumption) and tear resistance are improved without impairing wear resistance. In order to achieve the first object, a first aspect of the present invention is a rubber composition comprising a rubber component selected from at least one of natural rubber and a diene-based synthetic rubber, and a carbon black. The carbon black has a dibutyl phthalate absorption amount (DBP) of 140 to 200 ml/100 g. An aggregate of the carbon black has a ratio ( $D_w/D_n$ ) of weight average diameter ( $D_w$ ) to number average diameter ( $D_n$ ) of 1.80 to 2.40, and the carbon black has a specific tinting strength ( $T_{int}$ ) satisfying an inequality:  $T_{int} \geq 0.100 \times \text{nitrogen absorption specific surface area (N}_2\text{SA)} + 93$ . In order to achieve the second object, a second aspect of the present invention is a tire which has at least a tread, and the tread is made of the rubber composition of the first aspect of the invention.